

Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	OCT 27 2005 RECEIVED U.S. PATENT & TRADEMARK OFFICE		Complete if Known		
	Application Number		10/691,032		
	Filing Date		October 22, 2003		
	First Named Inventor		Weizheng Wang		
	Art Unit		2637		
Examiner Name		Jayanti K. Patel			
Attorney Docket Number		PD-202088			
Sheet 1 of 3					

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MB		US-6,718,184	04-2004	Aiken et al.	
MB		US-5,819,157	10-1998	Ben-Efraim et al.	
MB		US-5,999,793	12-1999	Ben-Efraim et al.	
MB		US-6,297,691	10-2001	Anderson et al.	
MB		US-6,501,804	12-2002	Dietmar et al.	
MB		US-6,745,050	06-2004	Forsythe et al.	
MB		US-6,718,184	04-2004	Aiken et al.	
MB		US-5,625,640	04-1997	Palmer et al.	
MB		US-6,597,750	07-2003	Knutson et al.	
MB		US-6,433,835	08-2002	Hartson et al.	
MB		US-4,800,573	01-1989	Cupo, Robert L.	
MB		US-6,266,534	07-2001	Raith et al.	
MB		US-5,467,197	11-1995	Hoff, Don G.	
MB		US-6,574,235	06-2003	Arslan et al.	
MB		US-5,430,770	07-1995	Abbey	
MB		US-5,966,412	10-1999	Ramaswamy	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
MB		EP 0929164	07-1999	Societe Europeene des Satellites		
MB		WO 02/073817	09-2002	Nokia Corporation		
MB		EP 0356096	02-1990	Meyers		
MB		EP 0238822	09-1987	NEC Corporation		

Examiner Signature	/Mohsin Benghuzzi/	Date Considered	01/18/2007
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MB		US-5,329,311	07-1994	Ward et al.	
MB		US-5,450,623	09-1995	Yokoyama et al.	
MB		US-5,966,186	10-1999	Shigihara et al.	
MB		US-6,028,894	02-2000	Oishi et al.	
MB		US-6,032,026	02-2000	Seki et al.	
MB		US-6,034,952	03-2000	Dohi et al.	
MB		US-6,108,374	08-2000	Balachandran et al.	
MB		US-6,140,809	10-2000	Doi	
MB		US-6,219,095	04-2001	Zhang et al.	
MB		US-4,039,961	08-1977	Ishio et al.	
MB		US-6,275,678	08-2001	Bethscheider et al.	
MB		US-3,383,598	05-1968	Sanders	
MB		US-5,577,087	11-1996	Furuya	
MB		US-5,602,868	02-1997	Wilson	
MB		US-5,815,531	09-1998	Dent	
MB		US-5,960,040	09-1999	Cai et al.	
MB		US-6,987,068	11-1999	Cassia et al.	
MB		US-5,579,344	11-1996	Namekata, Minoru	
MB		US-5,121,414	06-1992	Levine et al.	
MB		US-6,144,708	11-2000	Maruyama, Hidenori	
MB		US-6,055,278	04-2000	Ho et al.	
MB		US-6,330,336	12-2001	Kasama, Minoru	

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MB		JANSSEN, G.J.M.; SLIMANE, S.B.: "Performance of a Multiuser Detector for M-PSK Signals Based on Successive Cancellation", ICC 2001, 2001 IEEE International Conference on Communications, Conference Record, Helsinki, Finland, June 11-14, 2001, XP010552960	
MB		SLIMANE, S.B.; JANSSEN, G.J.M.: "Power Optimization of M-PSK Cochannel Signals for a Narrowband Multiuser Detector", 2001 IEEE Pacific Rim Conference on Communications, Computer and Signal Processing, Victoria, B.C., Canada, August 26-28, 2001, XP010560334	
MB		SOONG, A.C.K.; KRZYMIEN, W.A.: "Performance of a Reference Symbol Assisted Multistage Successive Interference Cancelling Receiver in a Multicell CDMA Wireless System", Conference Record, Communication Theory Mini-Conference GlobeCom '95, IEEE Singapore 13-17 November 1995, XP010159490	
MB		ARSLAN, H; MOLNAR, K: "Iterative Co-channel Interference Cancellation in Narrowband Mobile Radio Systems", Emerging Technologies Symposium: Broadband, Wireless Internet Access, 2000 IEEE April 10-11, 2000, Piscataway, New Jersey, US, XP010538900	
MB		MAZZINI, GIANLUCA: "Power Division Multiple Access", Universal Personal Communications, 1998, ICUPC 1998, IEEE 1998, International Conference on Florence, Italy, 5-9 October 1998, New York, NY, US, IEEE, US 5 October 1998 (1998 10-5), pages 543-546, XP010314962 ISBN: 0-7803-5106-1	
MB		SALEH, A.A.M. et al.: "Adaptive Linearization of Power Amplifiers in Digital Radio Systems", Bell System Technical Journal, American Telephone and Telegraph Co., New York, US, Vol. 62, No. 4, Part 1, 1 April 1983 (1983-04-01), pages 1019-1033, XP002028354	
MB		RAMCHANDRAN, KANNAN et al.: "Multiresolution Broadcast for Digital HDTV Using Joint Source/Channel Coding, IEEE, Vol. 11, No. 1, January 1993, pp. 6-22	

Examiner Signature	/Mohsin Benghuzzi/	Date Considered	01/18/2007
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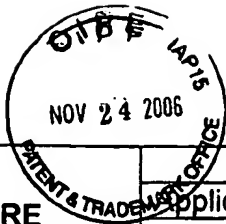
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		Application Number	10/691,032
		Filing Date	October 22, 2003
		First Named Inventor	Weizheng Wang
		Art Unit	2611
Date: December 4, 2006		Examiner Name	BENGHUZZI, Mohsin M.
Sheet 1 of 1		Attorney Docket Number	PD-202088

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MB		US-6,369,648	04-2002	Kirkman, George F.	
MB		US-6,477,398	11-2002	Mills, Randell L.	
MB		US-3,076,180	01-1963	Havens et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

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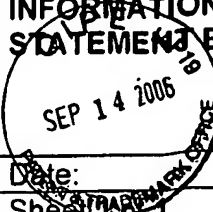
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/691,032
		Filing Date	October 22, 2003
		First Named Inventor	Weizheng Wang
		Art Unit	2611
		Examiner Name	PATEL, Jayanti K.
Date:	November 22, 2006		
Sheet 1 of 1		Attorney Docket Number	PD-202088

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MB		US-2002/006795	01-2002	Norin et al.	
MB		US-6,333,924	12-2001	Porcelli et al.	
MB		US-2001/012322	08-2001	Nagaoka et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
MB		WO 2005/086444	09-2005	Thomson Licensing S.A.		
MB		WO 2005/074171	08-2005	Qualcomm Incorporated		

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> 		Application Number	10/691,032
		Filing Date	10-22-2003
		First Named Inventor	Weizheng Wang
		Art Unit	2611
		Examiner Name	PATEL, Jayanti K.
Date:	September 12, 2006		
Sheet 1 of 1		Attorney Docket Number	PD-202088

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MB		US-6,970,496	11-2005	Ben-Bassat et al.	
MB		US-2003/0002471	01-2003	Crawford et al.	
MB		US-2006/0056541	03-2006	Chen et al.	
		US-5,577,067	11-1996	Zimmerman	

NON PATENT LITERATURE DOCUMENTS			
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MB		CHEN, ERNEST et al.; "DVB-S2 Backward-Compatible Modes: A Bridge Between the Present and the Future"; International Journal of Satellite Communications and Networking; Volume 22, Issue 3, pages 341-365; published 2004 by John Wiley & Sons, Ltd.	

Examiner Signature	/Mohsin Benghuzzi/	Date Considered	01/18/2007
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> 		Application Number	10/691,032
		Filing Date	10-22-2003
		First Named Inventor	Weizheng Wang
		Art Unit	2611
		Examiner Name	PATEL, Jayanti K.
Date:	July 19, 2006		
Sheet 1 of 4		Attorney Docket Number	PD-202088

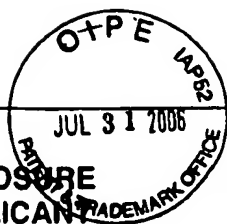
### U.S. PATENT DOCUMENTS

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MB		US-4,637,017	01-1987	Assal et al.	
MB		US-5,940,025	08-1999	Koehnke et al.	
MB		US-5,870,443	02-1999	Rahnema, Moe	
MB		US-2003/0138037	07-2003	Kaku et al.	
MB		US-2002/0158619	10-2002	Chen, Ernest C.	
MB		US-6,426,822	07-2002	Winter et al.	
MB		US-5,603,084	02-1997	Henry et al.	
MB		US-6,389,002	05-2002	Schilling, Donald L.	
MB		US-6,178,158	01-2001	Suzuki et al.	
MB		US-6,731,700	05-2004	Yakhnich et al.	
MB		US-6,411,797	06-2002	Estinto, Eugene	
MB		US-2002/0071506	06-2002	Lindquist et al.	
MB		US-2004/0110467	06-2004	Wang, Arthur W.	
MB		US-6,535,801	03-2003	Geier et al.	
MB		US-6,325,332	12-2001	Cellier et al.	
MB		US-6,052,586	04-2000	Karabinis, Peter D.	
MB		US-5,995,832	11-1999	Mallinckrodt, Albert J.	
MB		US-2005/008100	01-2005	Chen, Ernest C.	
MB		US-2002/176516	11-2002	Jeske et al.	
MB		US-6,304,594	10-2001	Salinger, Sheldon Norman	
MB		US-6,028,884	02-2000	Silberger et al.	
MB		US-6,741,662	05-2004	Francos et al.	
MB		US-2004/0146296	07-2004	Gerszberg et al.	
MB		US-5,648,955	07-1997	Jensen et al.	
MB		US-4,860,315	08-1989	Hosoda et al.	
MB		US-4,654,863	03-1987	Belfield et al.	
MB		US-5,229,765	07-1993	Gardner, Wallace R.	
MB		US-5,285,480	02-1994	Chennakeshu et al.	
MB		US-6,934,314	08-2005	Harles et al.	
MB		US-4,993,047	02-1991	Moffat et al.	
MB		US-5,111,155	05-1992	Keate et al.	

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-----------------------	-------------	-------------------------------------	-----------------------------------	--	---

MB		US-6,307,435	10-2001	Nguyen et al.	
MB		US-5,970,098	10-1999	Herzberg, Hanan	
MB		US-6,125,148	09-2000	Frodigh et al.	
MB		US-6,008,692	12-1999	Escartin, Marko	
MB		US-6,249,180	06-2001	Maalej et al.	
MB		US-5,581,229	12-1996	Hunt, Paul C.	
MB		US-6,366,309	04-2002	Siegle, Gert	
MB		US-4,835,790	05-1989	Yoshida et al.	
MB		US-5,317,599	05-1994	Obata	
MB		US-5,557,067	11-1996	Zimmerman	
MB		US-6,021,159	02-2000	Nakagawa	
MB		US-6,061,393	05-2000	Tsui et al.	
MB		US-5,963,845	10-1999	Floury et al.	
MB		US-6,272,679	08-2001	Norin, John L.	
MB		US-6,212,360	04-2001	Fleming et al.	
MB		US-6,188,717	02-2001	Kaiser et al.	
MB		US-6,141,534	10-2000	Snell et al.	
MB		US-6,131,013	10-2000	Bergstrom et al.	
MB		US-6,084,919	07-2000	Kleider et al.	
MB		US-4,896,369	01-1990	Adams et al.	
MB		US-6,892,068	04-2002	Karabinis et al.	
MB		US-5,848,060	12-1998	Dent	
MB		US-5,555,257	09-1996	Dent	
MB		US-5,642,358	06-1997	Dent	
MB		US-6,429,740	08-2002	Nguyen et al.	
MB		US-6,166,601	12-2000	Shalom et al.	
MB		US-5,966,048	10-1999	Thompson	
MB		US-5,606,286	02-1997	Bains	
MB		US-5,221,908	06-1993	Katz et al.	
MB		US-4,918,708	04-1990	Pottinger et al.	
MB		US-4,878,030	10-1989	Vincze	

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MB		US-4,670,789	06-1987	Plume	
MB		US-4,647,873	03-1987	Beckner et al.	
MB		US-4,628,507	12-1986	Otani	
MB		US-4,500,984	02-1985	Shimbo et al.	
MB		US-4,283,684	08-1981	Satoh	
MB		US-4,068,186	01-1978	Sato et al.	
MB		US-2001/0024479	09-2001	Samarasooriya	
MB		US-5,732,113	03-1998	Schmidl et al.	
MB		US-5,793,818	08-1998	Claydon et al.	
MB		US-5,828,710	10-1998	Beale	
MB		US-6,018,556	01-2000	Janesch et al.	
MB		US-6,128,357	10-2000	Lu et al.	
MB		US-6,411,659	06-2002	Liu et al.	

## **FOREIGN PATENT DOCUMENTS**

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MB		FR 2696295	04-1994	Jaspal, Singh Bharj		
MB		EP 0222076	08-1986	Ketterling et al.		
MB		JP 07-038615	02-1995	Yasushi, Sogabe		
MB		DE 3642213	12-1986	Lopau et al.		
MB		JP 5-252084	09-1993	Takenaka et al.		
MB		JP 5-114878	05-1993	Kazama et al.		
MB		JP 5-41683	02-1993	Matsudo et al.		
MB		JP 2-95033	04-1990	Yamamoto, Yoshihiko		
MB		JP 2-5631	01-1990	Oda, Hirobumi		
MB		JP-03139027	06-1991	Nippon Telegraph and Telephone Corporation		

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Signature

/Mohsin Benghuzzi/

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### NON PATENT LITERATURE DOCUMENTS

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MB		WOLCOTT, TED J. ET AL.; "Uplink-Noise Limited Satellite Channels"; IEEE 1995; pages 717-721; XP-00580915	
MB		SESKAR, IVAN ET AL.; "Implementation Aspects for Successive Interface Cancellation in DS/CDMA Systems"; Wireless Networks; 1998; pages 447-452	
MB		Earth Station Technology; 1986; pages 404-412; XP-002248387	
MB		FANG, T. ET AL.; "Fourth-Power Law Clock Recovery with Prefiltering"; Proceedings of the International Conference on Communications (ICC); Geneva; May 23-26, 1993; New York; IEEE; Vol. 3; May 23, 1993; pages 811-815; XP010137089; ISBN:0-7803-0950-2; Section I, Introduction	
MB		MEYR, HEINRICH ET AL.; "Digital Communication Receivers – Synchronization, Channel Estimation and Signal Processing"; John Wiley & Sons, Inc.; 1998; pages 610-612; XP 002364876	

Examiner Signature	/Mohsin Benghuzzi/	Date Considered	01/18/2007
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	Application Number	10/165,710
	Filing Date	June 7, 2002
	First Named Inventor	Ernest Chen
	Art Unit	2631
	Examiner Name	Aghdam, Freshteh N.
Date: March 8, 2006		
Sheet 1 of 1		Attorney Docket Number PD-200228

U.S. PATENT DOCUMENTS					
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MB		US-5,493,307	02-1996	Tsujimoto, Ichiro	
MB		US-5,956,373	09-1999	Goldston et al.	
MB		US-6,535,497	03-2003	Raith, Alex Krister	
MB		US-6,515,713	02-2003	Nam, Ho Jun	
MB		US-6,320,919	11-2001	Khayrallah et al.	
MB		US-3,879,664	04-1975	Monsen, Peter	
MB		US-4,253,184	02-1981	Gitlin et al.	
MB		US-5,233,632	08-1993	Baum et al.	
MB		US-6,775,521	08-2004	Chen, Yue	
MB		US-3,878,468	04-1975	Falconer et al.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
MB		MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; 1998; John Wiley & Sons, pages 212-213, 217-218, XP002364874	

Examiner Signature	/Mohsin Benghuzzi/	Date Considered	01/18/2007
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PTO/SB/08A (08-03)

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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	<b>Complete If Known</b>	
	Application Number	10/691,032
	Filing Date	October 22, 2003
	First Named Inventor	Weizheng Wang
	Art Unit	2637
	Examiner Name	Jayanti K. Patel
Sheet 1 of 1	Attorney Docket Number	PD-202088

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MB		US-5,199,047	03-30-1993	Koch, Wolfgang	
MB		US-5,088,110	02-11-1992	Bonnerot et al.	
MB		US-4,847,864	07-11-1989	Cupo, Robert L.	
MB		US-4,709,374	11-24-1987	Farrow, Cecil W.	
MB		US-4,594,725	06-10-1986	Desperben et al.	
MB		US-4,519,084	05-21-1985	Langseth, Rollin E.	
MB		US-4,416,015	11-15-1983	Gitlin, Richard D.	
MB		US-4,384,355	05-17-1983	Werner, Jean-Jacques	
MB		US-4,213,095	07-15-1980	Falconer, David D.	
MB		US-3,974,449	08-10-1976	Falconer, David Duncan	
MB		US-RE 31,351	08-16-1983	Falconer, David D.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature	/Mohsin Benghuzzi/	Date Considered	01/18/2007
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